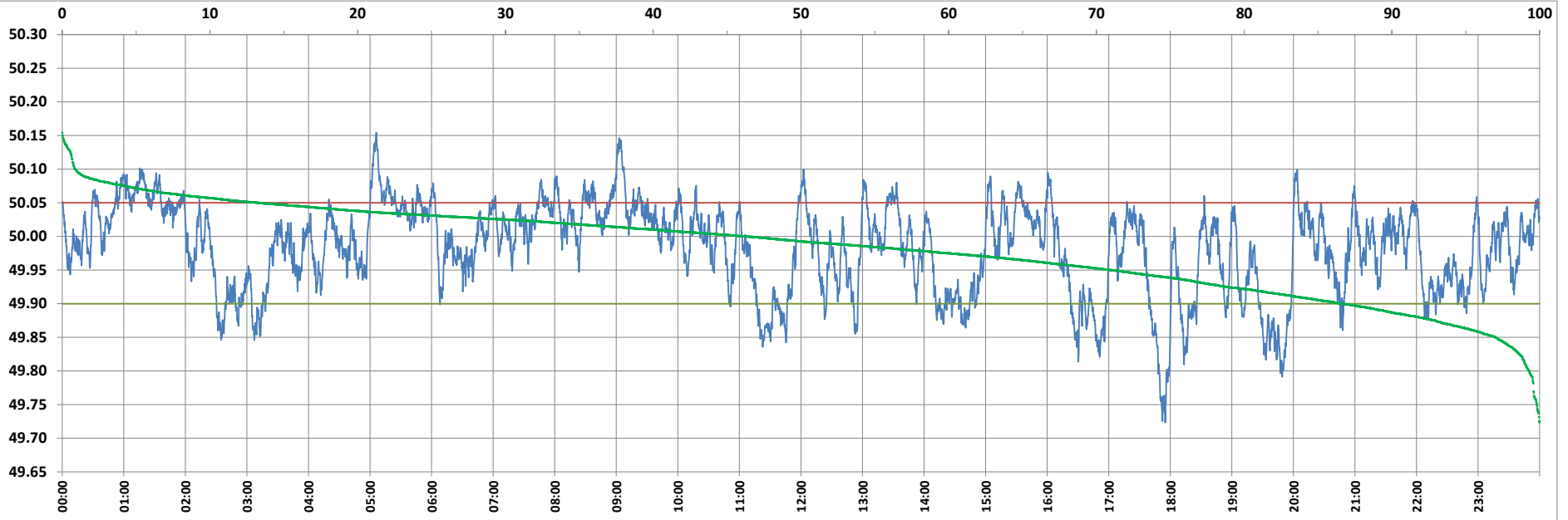


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jun-2022 (Thursday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	13.36	37.35	0.71	12.65	40.37	45.39	0.88	73.39	100.00	36.88	12.37	46.27	25.78	13.25	0.00	29.00	57.74	15.65

Average Frequency : 49.982	Frequency Variation Index : 0.0466	Standard Deviation : 0.0659	Mileage: 42.1	FDI: 26.6
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Instantaneous Frequency		
Max	50.154	5:06:00
Min	49.723	17:55:00

15 minute Average Frequency			
Max	50.093	5:15:00	
Min	49.790	18:00:00	

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	108
above 50.00 Hz	134
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:04:59
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	6:23:10
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Source : BARH 10 Sec. (8640 samples)